

APPLICATOR FOR RADIATION TREATMENT OF A CAVITYAbstract of the Disclosure

5 An applicator for facilitating radiation treatment in a body
cavity, particularly post resection, provides for superior wound
closure management, with an integrated drain and a flexible main
shaft that permits further treatments at intervals without
disturbing the wound closure. The drain includes channels in the
10 shaft, and the surface of an expandable balloon of the applicator
may have features that help channel the flow of drain liquids
toward the cavity entrance. Non-spherical, irregular geometries
of balloons are achieved in several different ways. In some
embodiments multiple balloons are included, either an inner and
15 outer balloon or a series of balloons extending outwardly from
the main shaft. Non-balloon applicators are also disclosed.